

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014639.D
 Acq On : 14 Jul 2023 11:55
 Operator : SY/MD
 Sample : VY0714SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBL01

Quant Time: Jul 14 23:04:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	254765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	442498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	410866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193116	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	157112	54.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.240%
35) Dibromofluoromethane	7.709	113	139076	49.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.178	98	524576	50.513	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.477	95	200646	50.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.780%

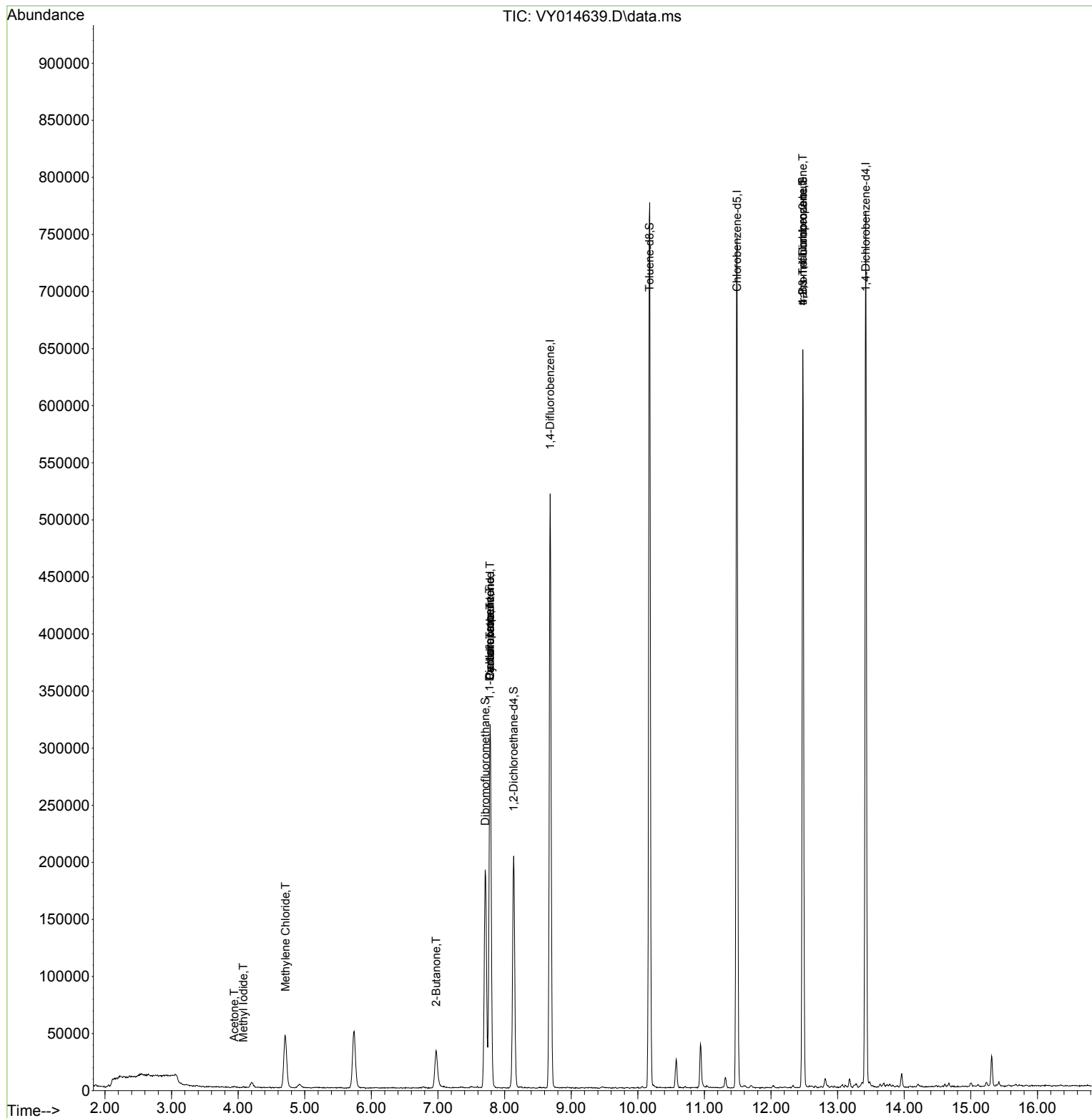
Target Compounds					Qvalue	
10) Methyl Iodide	4.076	142	184	2.431	ug/l #	32
11) Tert butyl alcohol	4.923	59	3391	Below Cal	#	94
16) Acetone	3.942	43	1925	2.092	ug/l	93
20) Methylene Chloride	4.710	84	35631	8.410	ug/l	88
25) 2-Butanone	6.972	43	2440	1.813	ug/l #	89
31) Cyclohexane	7.783	56	5666	1.176	ug/l #	1
36) 1,1-Dichloropropene	7.776	75	19889	4.721	ug/l #	50
38) Carbon Tetrachloride	7.783	117	26171	5.877	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	102411	41.989	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	102411	81.298	ug/l #	11

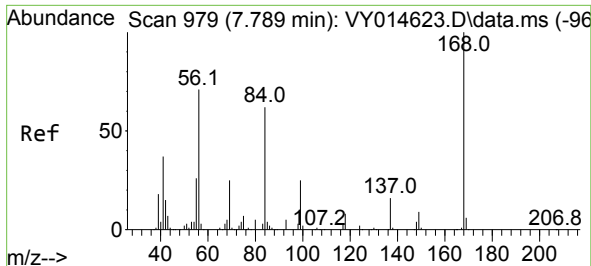
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014639.D
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MSVOA_Y
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VY0714SBL01

Quant Time: Jul 14 23:04:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

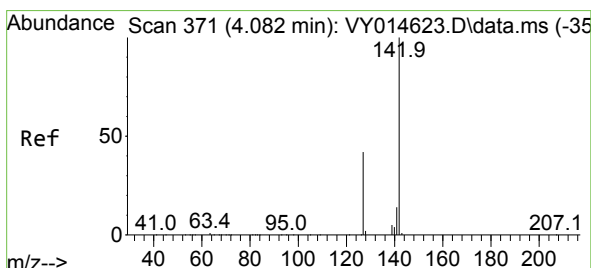
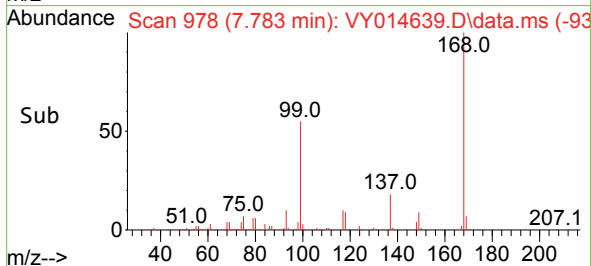
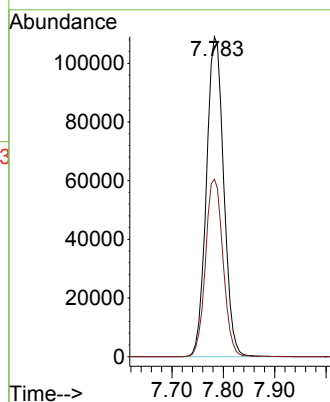
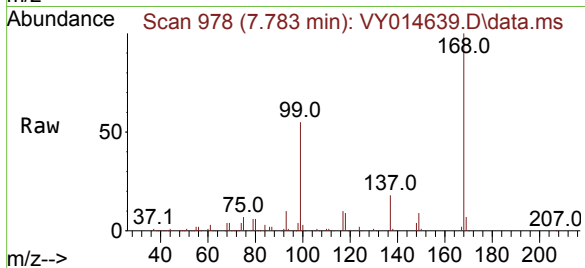




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

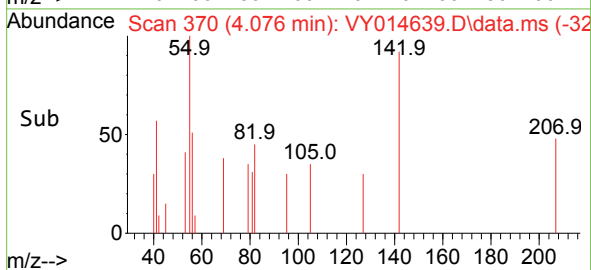
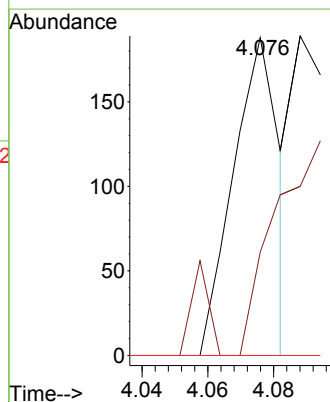
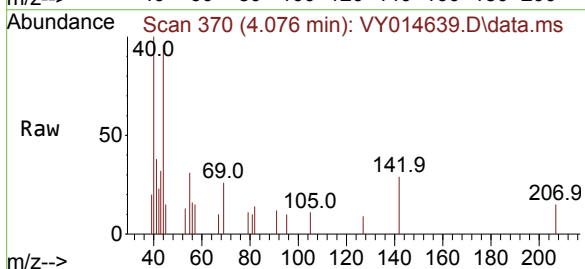
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBL01

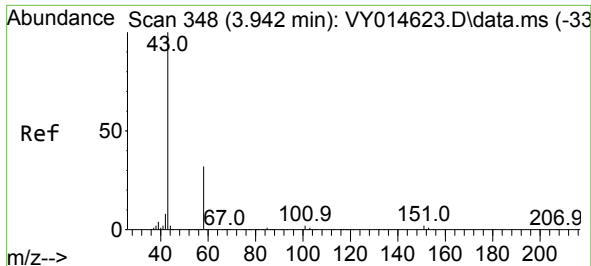
Tgt Ion:168 Resp: 254765
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#10
Methyl Iodide
Concen: 2.431 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

Tgt Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
127 98.9 37.6 56.4#
141 0.0 11.8 17.8#

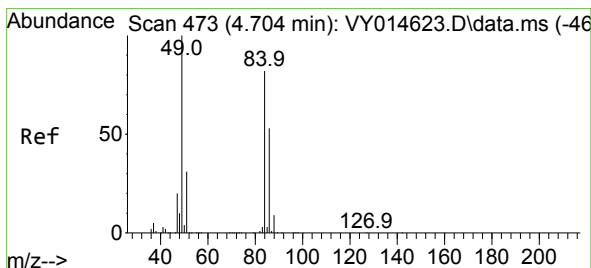
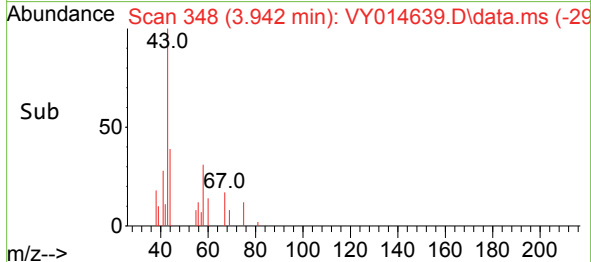
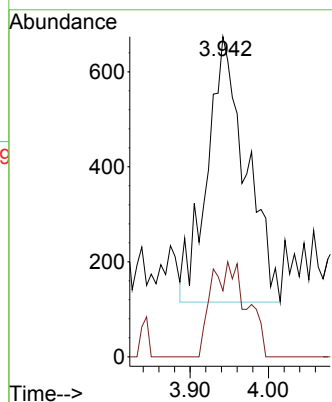
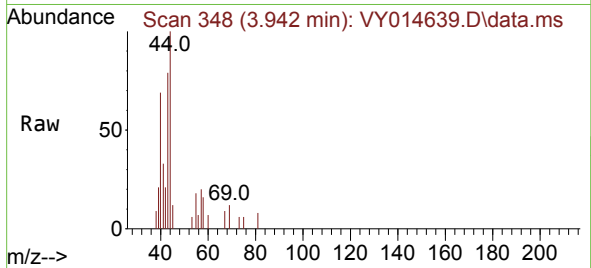




#16
Acetone
Concen: 2.092 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

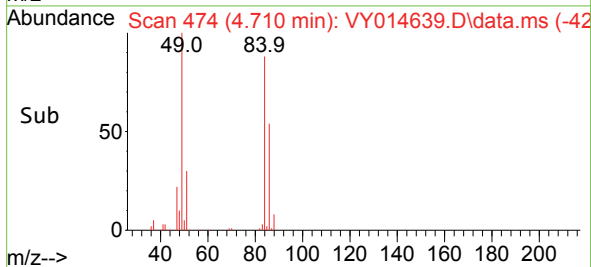
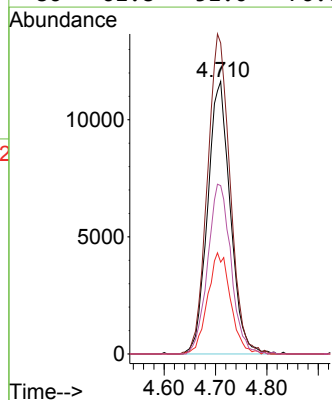
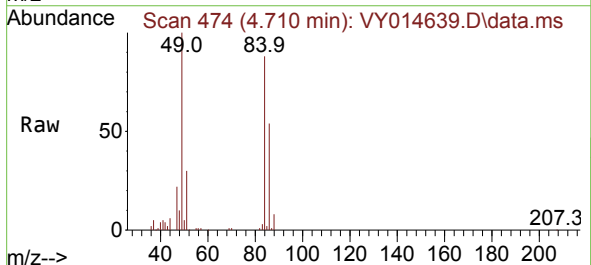
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBL01

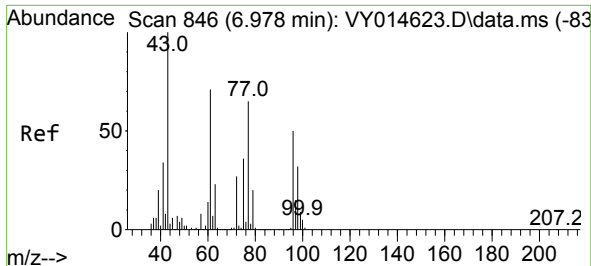
Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
58 24.9 22.7 34.1



#20
Methylene Chloride
Concen: 8.410 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 84 Resp: 35631
Ion Ratio Lower Upper
84 100
49 114.1 106.9 160.3
51 33.7 33.2 49.8
86 61.8 51.0 76.6

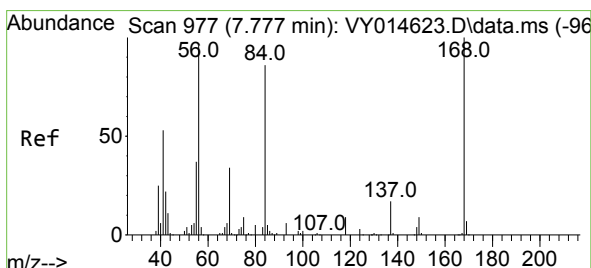
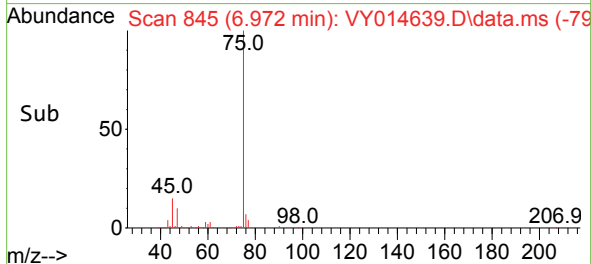
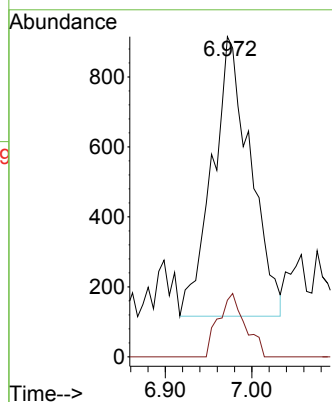
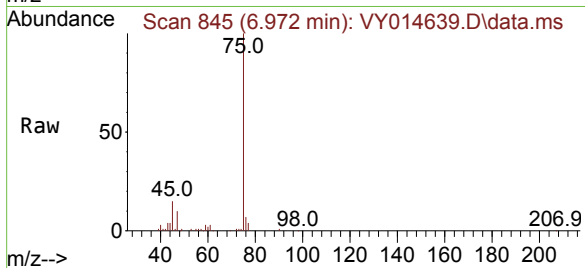




#25
2-Butanone
Concen: 1.813 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

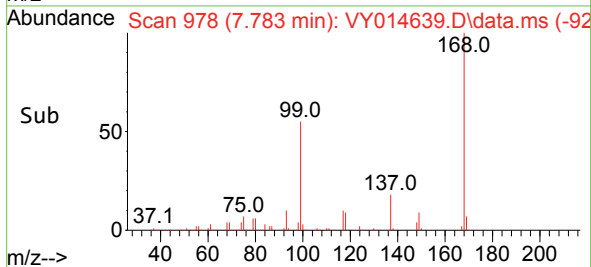
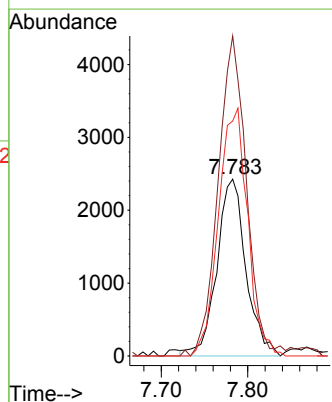
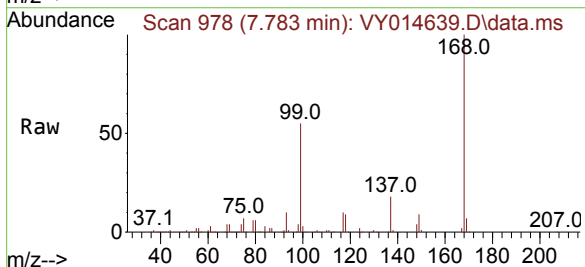
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBL01

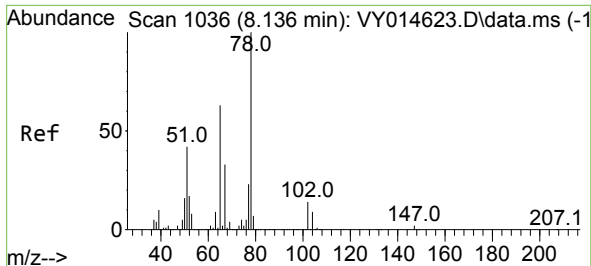
Tgt Ion: 43 Resp: 2440
Ion Ratio Lower Upper
43 100
72 20.3 20.5 30.7#



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 56 Resp: 5666
Ion Ratio Lower Upper
56 100
69 181.0 27.8 41.6#
84 132.8 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 54.118 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014639.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

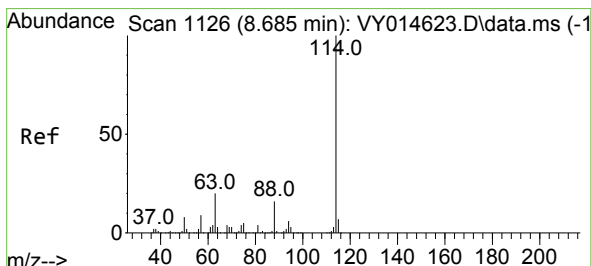
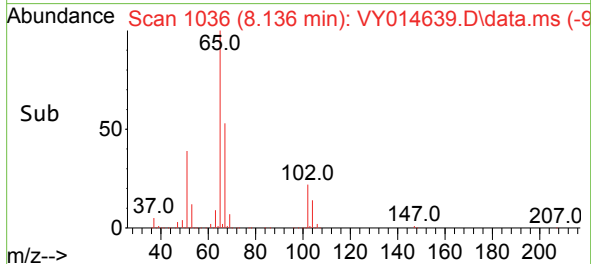
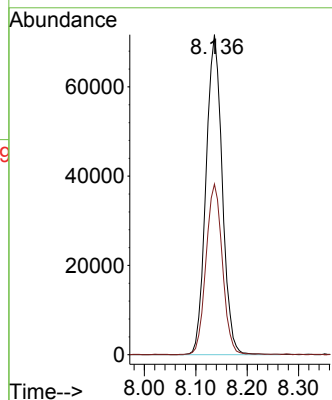
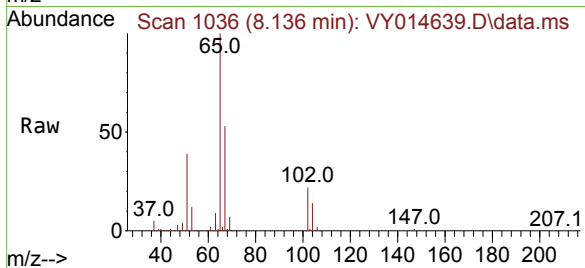
VY0714SBL01

Tgt Ion: 65 Resp: 157112

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY014639.D

Acq: 14 Jul 2023 11:55

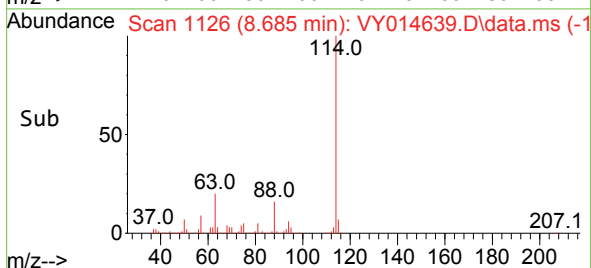
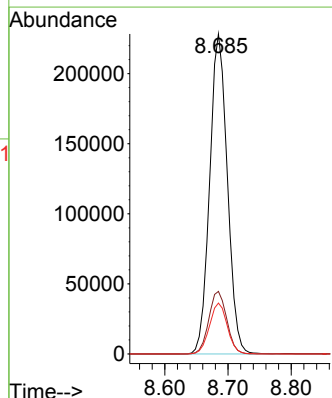
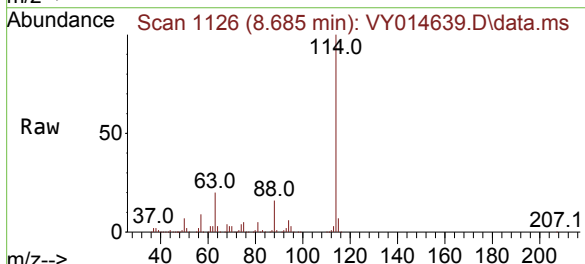
Tgt Ion: 114 Resp: 442498

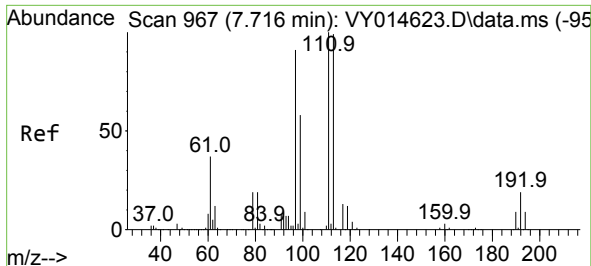
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.9 0.0 30.6

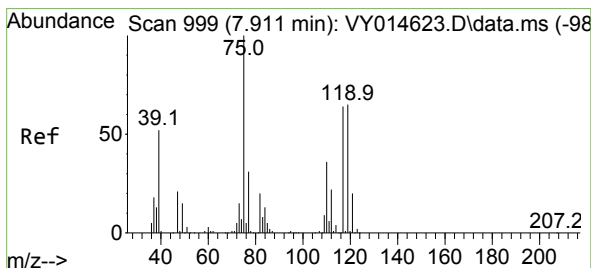
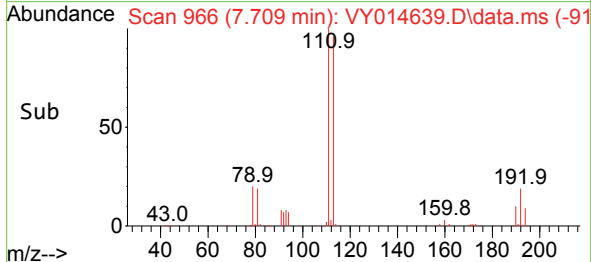
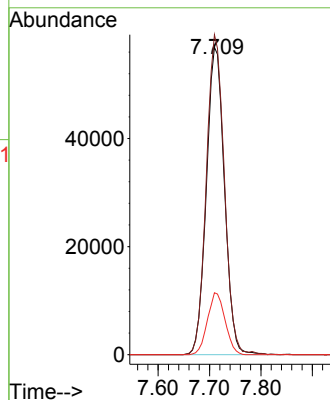
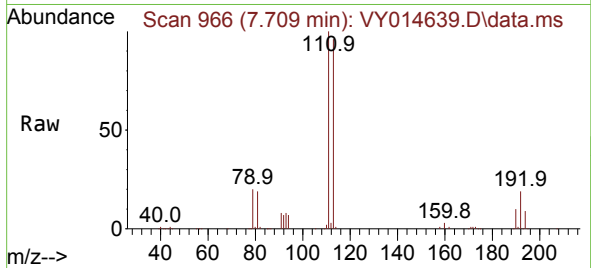




#35
 Dibromofluoromethane
 Concen: 49.373 ug/l
 RT: 7.709 min Scan# 911
 Delta R.T. -0.007 min
 Lab File: VY014639.D
 Acq: 14 Jul 2023 11:55

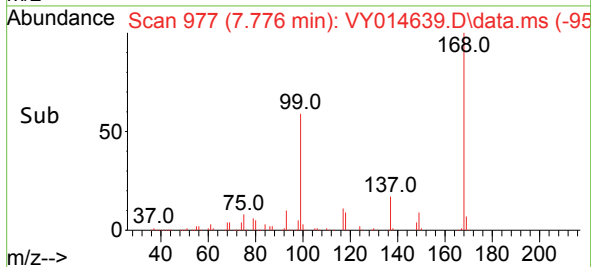
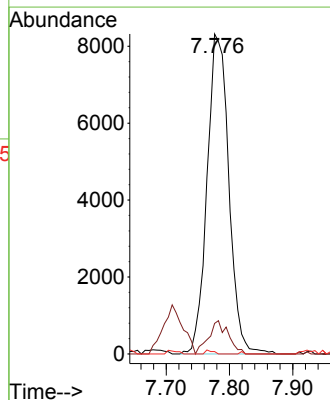
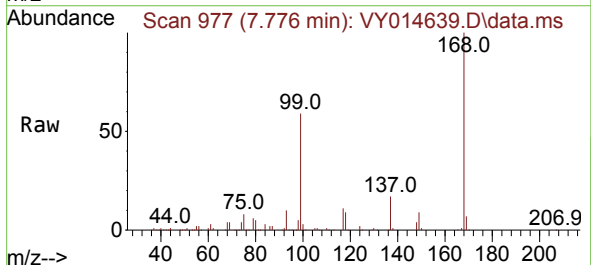
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBL01

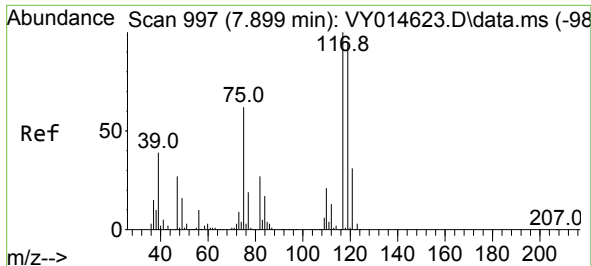
Tgt Ion:113 Resp: 139076
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.3 121.9
 192 19.6 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.721 ug/l
 RT: 7.776 min Scan# 977
 Delta R.T. -0.135 min
 Lab File: VY014639.D
 Acq: 14 Jul 2023 11:55

Tgt Ion: 75 Resp: 19889
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.8 53.5#
 77 0.4 24.4 36.6#

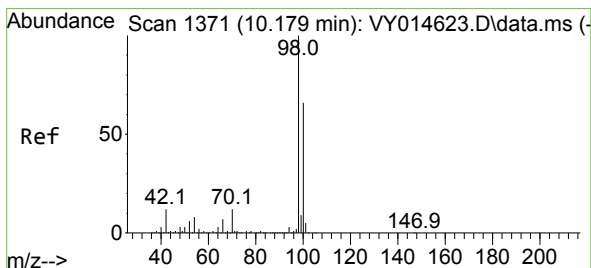
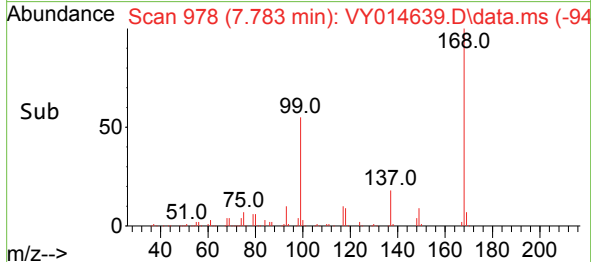
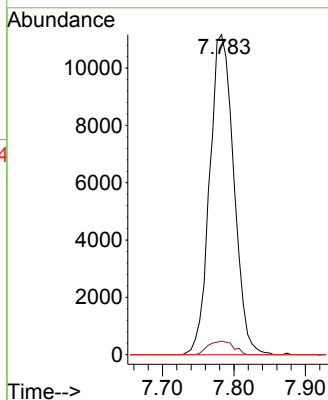
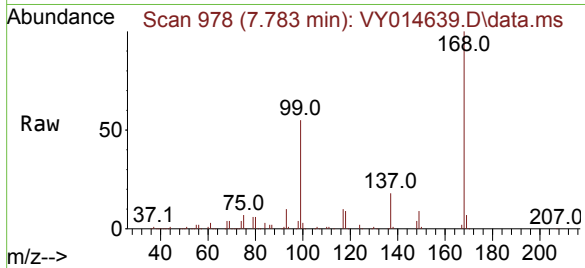




#38
Carbon Tetrachloride
Concen: 5.877 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

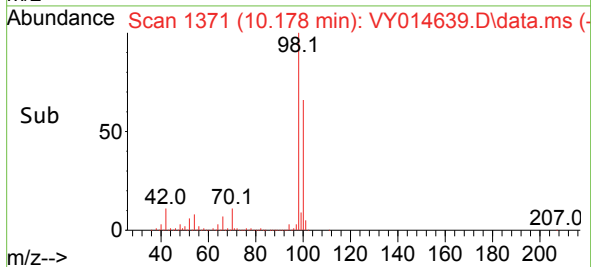
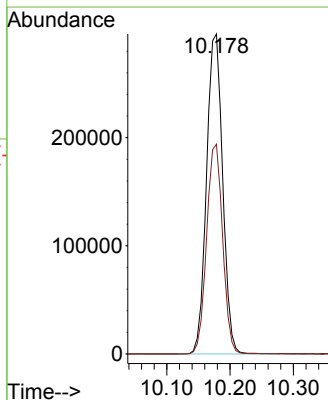
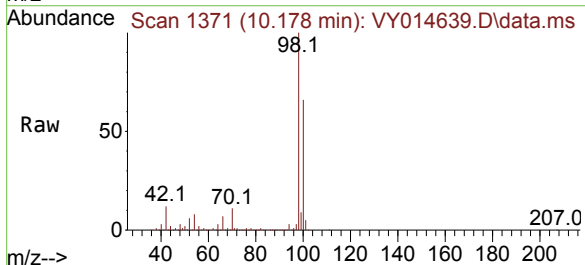
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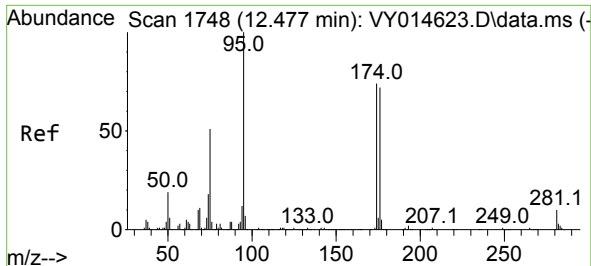
Tgt Ion:117 Resp: 26171
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.513 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 98 Resp: 524576
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

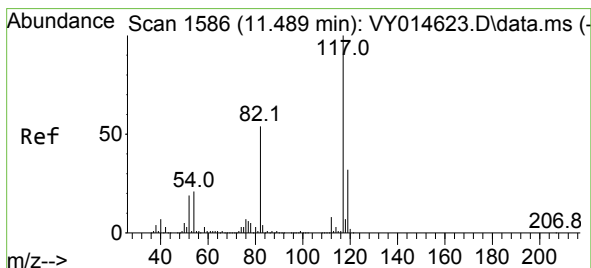
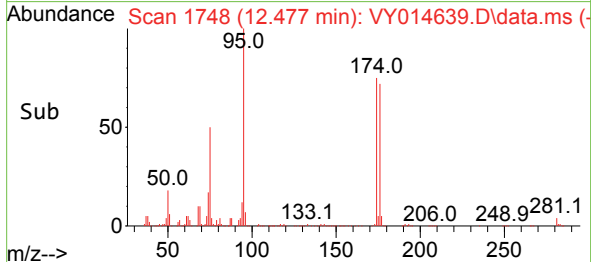
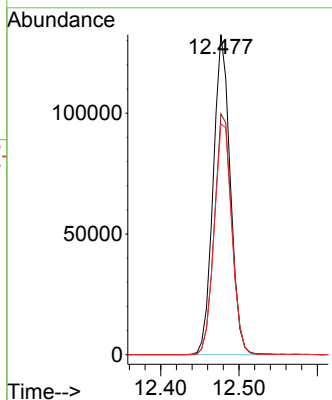
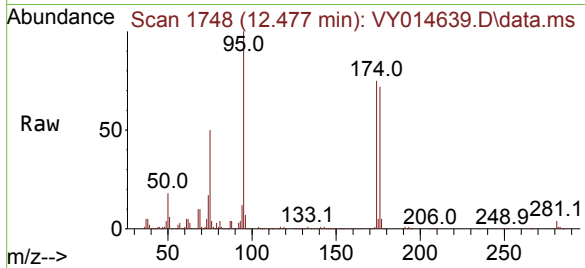




#62
4-Bromofluorobenzene
Concen: 50.388 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

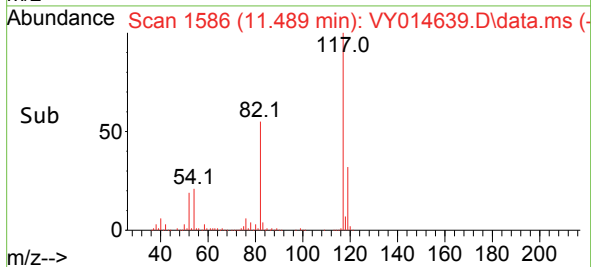
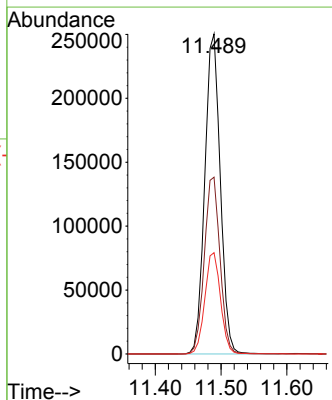
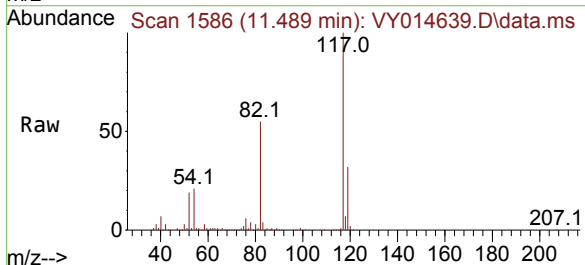
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBL01

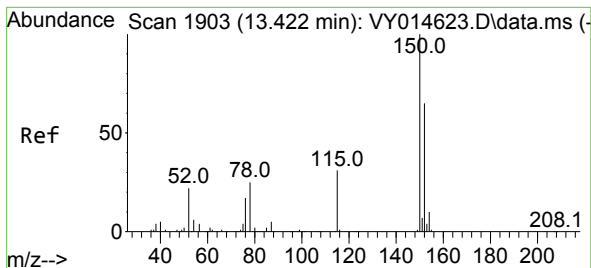
Tgt Ion: 95 Resp: 200646
Ion Ratio Lower Upper
95 100
174 77.1 0.0 178.2
176 75.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 117 Resp: 410866
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 31.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014639.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBL01

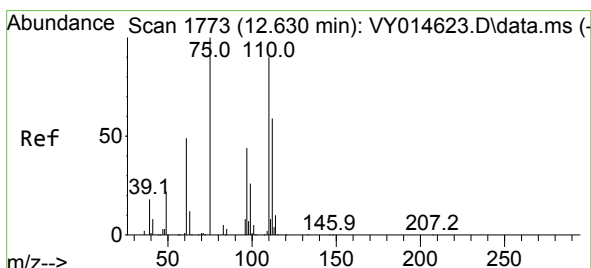
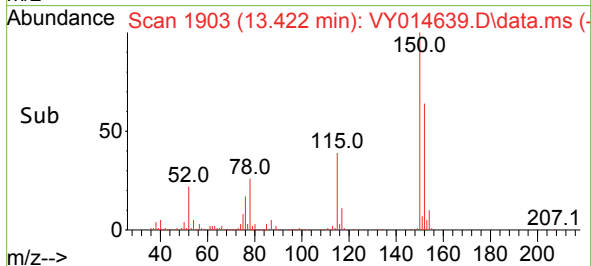
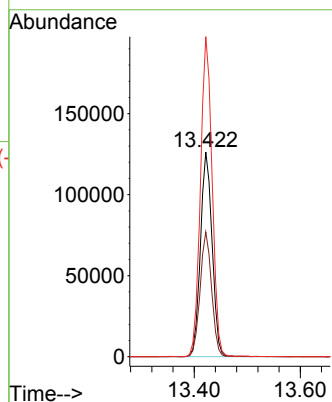
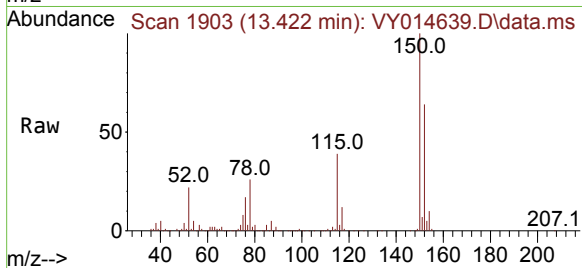
Tgt Ion:152 Resp: 193116

Ion Ratio Lower Upper

152 100

115 60.1 28.8 86.5

150 156.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.989 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014639.D

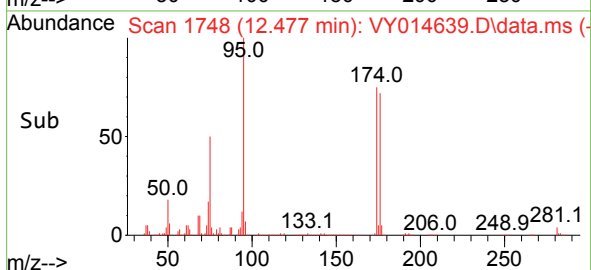
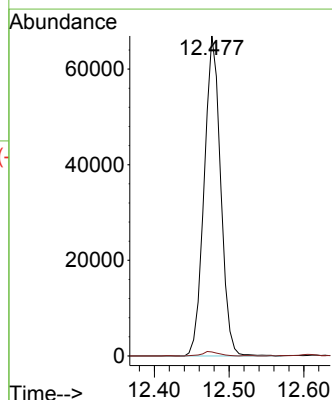
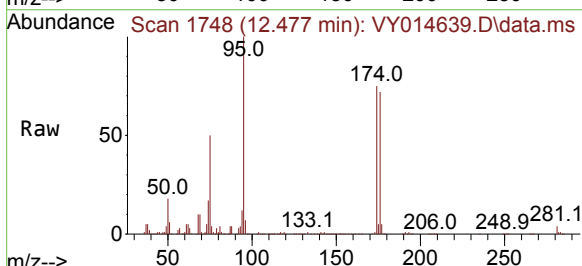
Acq: 14 Jul 2023 11:55

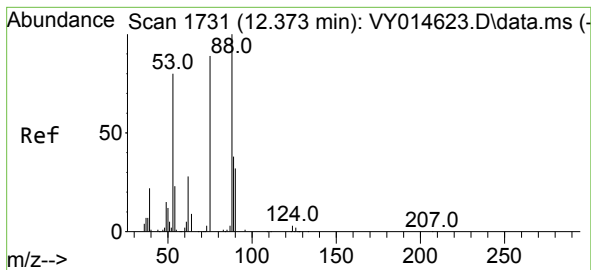
Tgt Ion: 75 Resp: 102411

Ion Ratio Lower Upper

75 100

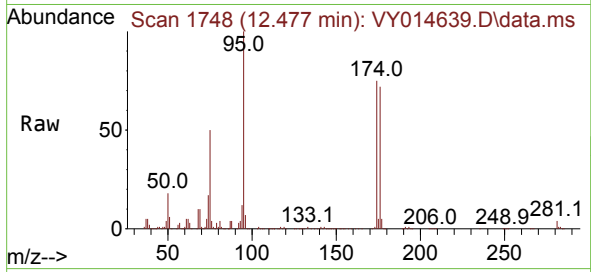
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.298 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014639.D
 Acq: 14 Jul 2023 11:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBL01



Tgt Ion: 75 Resp: 102411
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

